

TEST REPORT

Report No.: HCO0004/2015

Page: 1 of 9

Date: October 13, 2015

VECOW CO., LTD.

12 F, NO. 111, ZHONGCHENG RD.,

TUCHENG DIST., NEW TAIPEI CITY,

TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: Industrial Multi-Touch Panel PC

Style/ Item No.: MTC-2021 / No.1

Quantity: Total 1 piece

Testing Period: Oct. 5, 2015 to Oct. 12, 2015

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1. High Temperature/ Humidity Test
2. Low Temperature Test
3. Mechanical Shock Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

Signed for and on behalf of
SGS TAIWAN Ltd.



Winson Tseng
Asst. Manager

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TEST REPORT

Report No.: HCO0004/2015

Page: 2 of 9

1. High Temperature/ Humidity Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature and Humidity Chamber	KSON	THS-C4T-150	D129

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Sample Condition: Operating (Power on)

Test temperature: 50°C

Test humidity: 90%RH

Test duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Connect the specimen with rated power (110V_{AC}) then examine whether booting function of specimen could be work normally or not.

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TEST REPORT

Report No.: HCO0004/2015

Page: 3 of 9

Specimen:

Style/ Item No.: MTC-2021 / No.1

Quantity: Total 1 piece

Test Result:

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
MTC-2021 / No.1		No visible damage	Normal

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TEST REPORT

Report No.: HCO0004/2015

Page: 4 of 9

2. Low Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature and Humidity Chamber	KSON	THS-C4T-150	D129

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Sample Condition: Operating (Power on)

Test temperature: 0°C

Test duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Connect the specimen with rated power (110V_{AC}) then examine whether booting function of specimen could be work normally or not.

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TEST REPORT

Report No.: HCO0004/2015

Page: 5 of 9

Specimen:

Style/ Item No.: MTC-2021 / No.1

Quantity: Total 1 piece

Test Result:

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
	MTC-2021 / No.1		No visible damage

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3. Mechanical Shock Test:

Test Equipment:

Name	Brand	Model	Serial No.
Vibration Tester	King Design	EM-5000F2K-75N600	10923742
Controller	Crystal	spider	1001664
Control Accelerometer	WR	793-6	A4632

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) \text{ }^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{ RH}$

Test Method/ Specification:

Specimen Condition: Operating (Power on)

Pulse shape: Half-sine

Acceleration: 20 G

Velocity Change: 11 ms

Shock direction: 6 faces ($\pm X$, $\pm Y$, $\pm Z$ axes, see photo 5 ~ 7)

No. of shock: 1 shock/ face (total 6 shocks)

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Connect the specimen with rated power ($110V_{AC}$) then examine whether booting function of specimen could be work normally or not.

TEST REPORT

Report No.: HCO0004/2015

Page: 7 of 9

Specimen:

Style/ Item No.: MTC-2021 / No.1





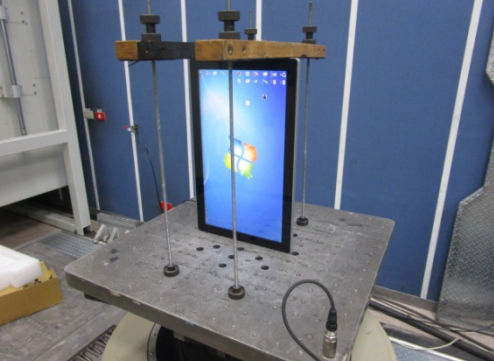
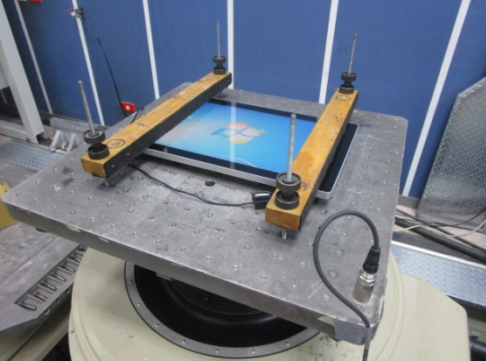
Quantity: Total 1 piece

Test Result:

Check Item	Appearance check (Visual check)	Functional check
Style/ Item No. MTC-2021 / No.1	No visible damage	Normal

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Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. High Temperature/ Humidity Test Low Temperature Test</p>	<p>4. High Temperature/ Humidity Test Low Temperature Test</p>
	
<p>5. Mechanical Shock Test: X axis</p>	<p>6. Mechanical Shock Test: Y axis</p>

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Test Photos--Continued:



7. Mechanical Shock Test: Z axis

— — —The End of Test Report — — —

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